102.18 - Zirconium Base Alloys (chip form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	**360b**
Description	**Zirconium (Sn-Fe-Cr) Alloy**
Unit of Issue	**(100 g)**

Concentration are expressed as mass fraction, in % (unless noted by an asterisk * for mg/kg).

Aluminum (Al)	*57**
Antimony (Sb)	(1*)
Arsenic (As)	(7*)
Boron (B)	0.191*
Cadmium (Cd)	(<1*)
Carbon (C)	*109**
Chlorine (Cl)	(<1*)
Chromium (Cr)	1043*
Cobalt (Co)	*0.97**
Copper (Cu)	12.5*
Fluorine (F)	(<10*)
Gallium (Ga)	(<1*)
Hafnium (Hf)	78.5*
Hydrogen (H)	*16.01**
Iron (Fe)	2138*

Concentration are expressed as mass fraction, in % (unless noted by an asterisk * for mg/kg).

Lead (Pb)	(<5*)
Magnesium (Mg)	(<1*)
Manganese (Mn)	*9.2**
Molybdenum (Mo)	(<25*)
Nickel (Ni)	22.5*
Niobium (Nb)	(<50*)
Nitrogen (N)	*45**
Oxygen (O)	(1430*)

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only

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Phosphorus (P)	*8.7**
Silicon (Si)	*80**
Sulfur (S)	(30*)
Tantalum (Ta)	(<100*)
Tin (Sn)	1.555
Titanium (Ti)	*15.5**
Tungsten (W)	(<50*)
Uranium (U)	(<2*)

Concentration are expressed as mass fraction, in % (unless noted by an asterisk * for mg/kg).

Vanadium (V)	(<30*)
Zinc (Zn)	(<50*)

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